

FIG. 1

FIG. 2 is a schematic diagram of a honeycomb lattice structure. The lattice is composed of a series of interconnected hexagonal cells. The lattice is bounded by a wavy line 9. A central vertical line 7 is shown, with arrows 8 indicating the direction of the lattice. The lattice is divided into two regions by a vertical line 12. The left region is labeled 13 and the right region is labeled 20. The lattice is composed of a series of interconnected hexagonal cells.

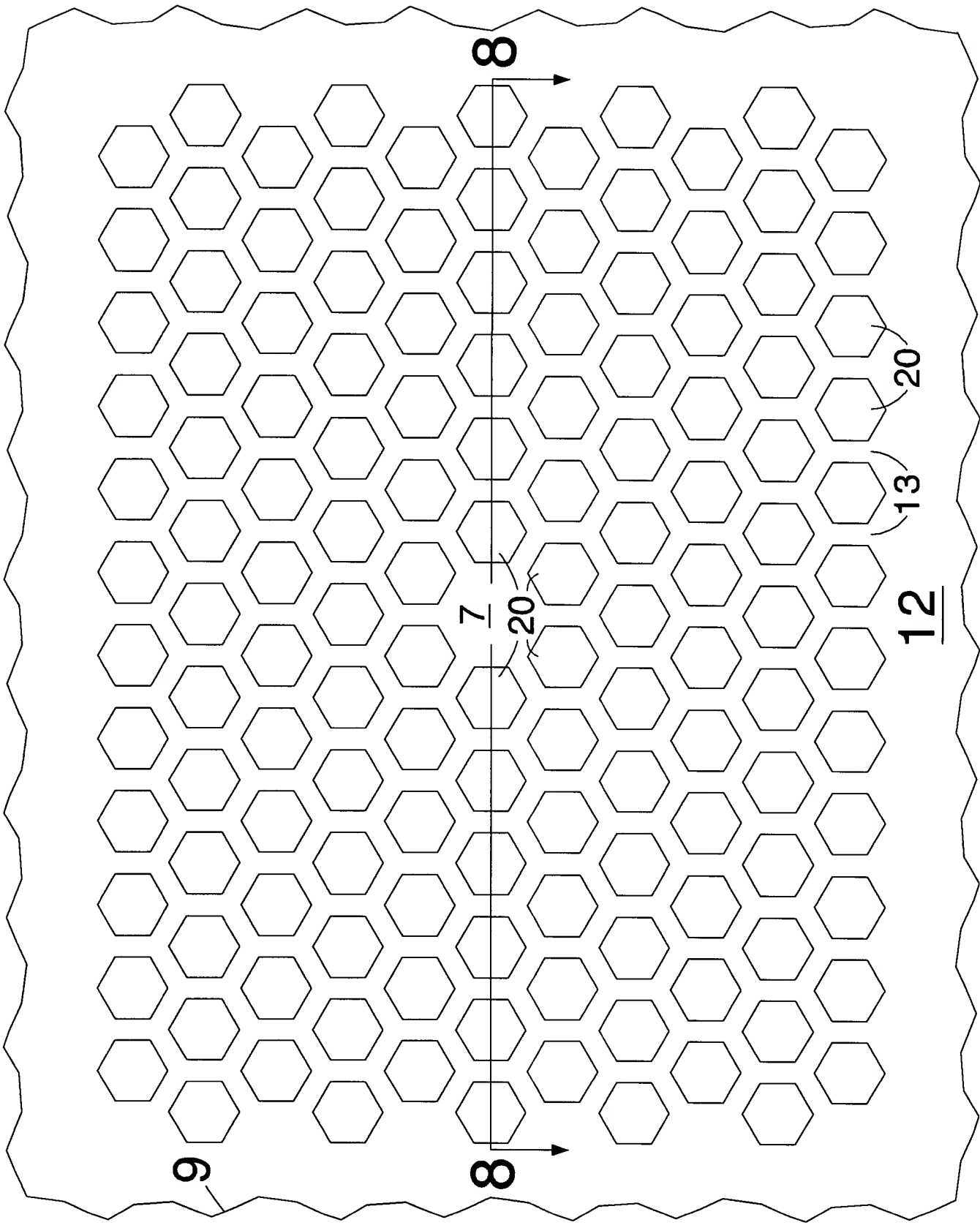
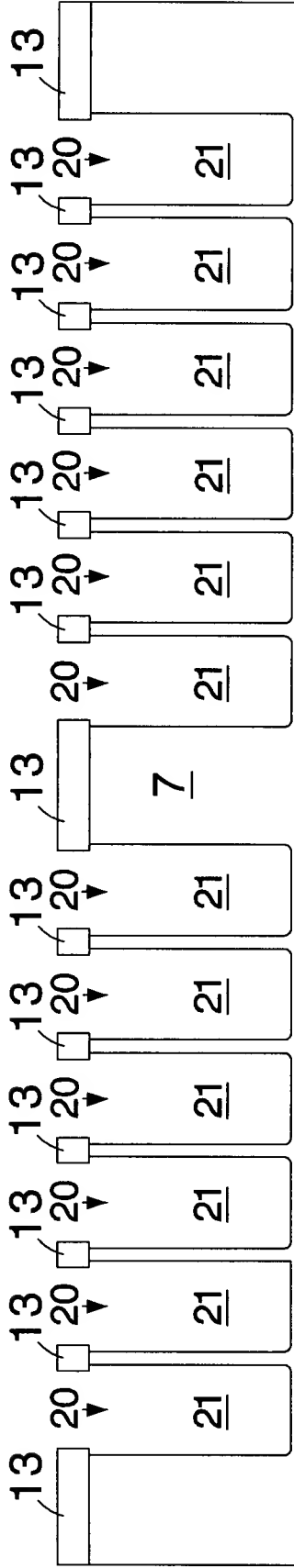
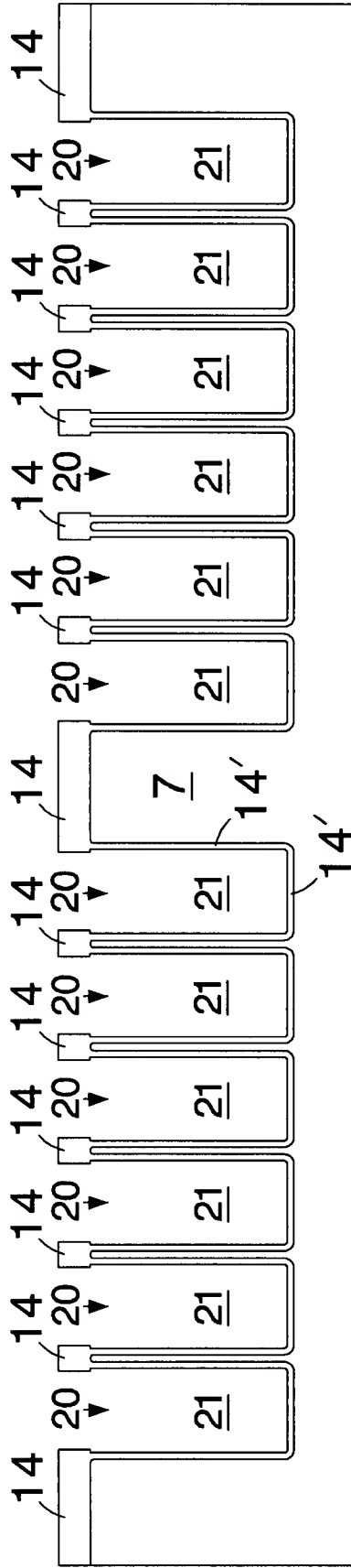


FIG. 2



10

FIG. 4



10

FIG. 5

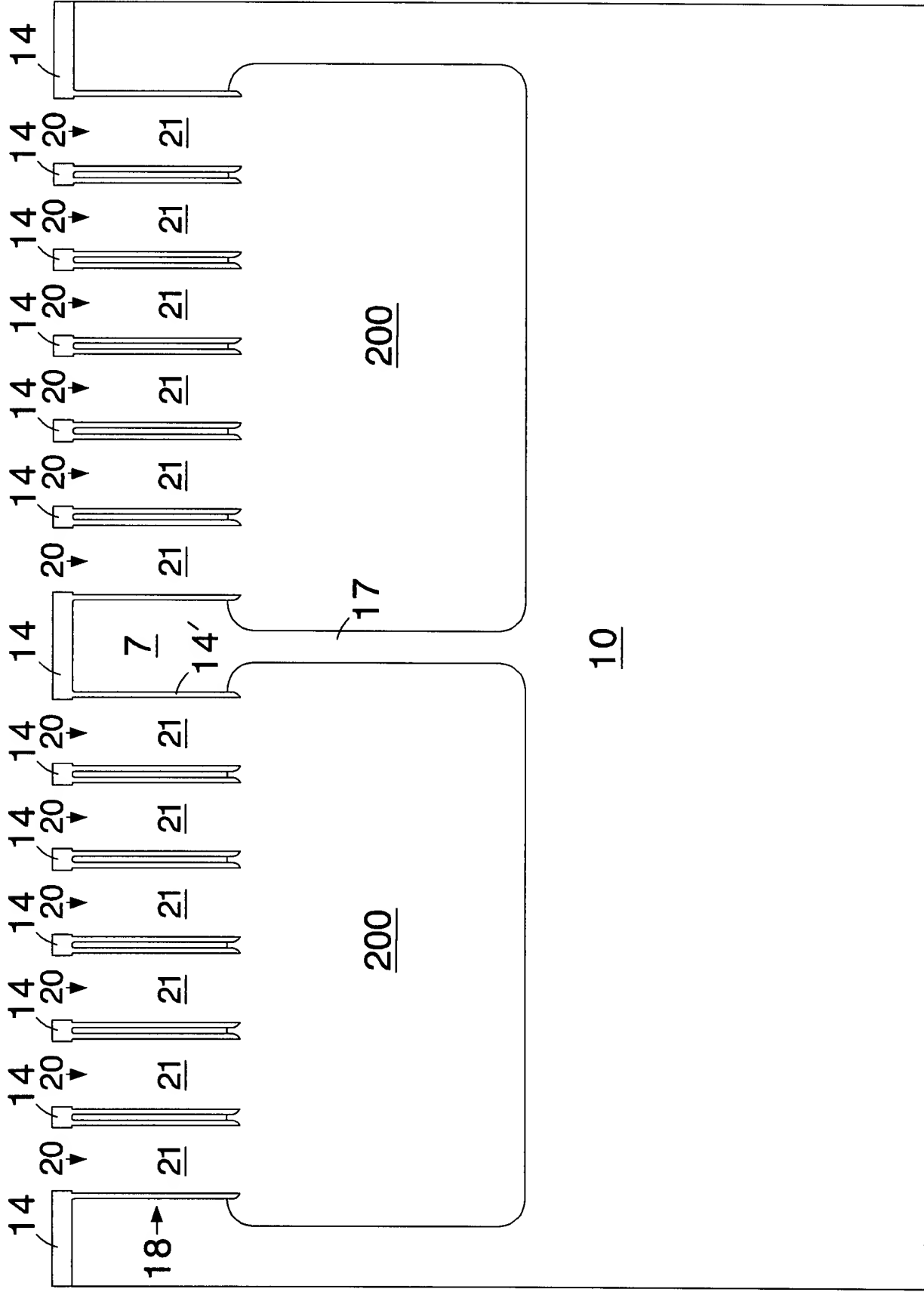


FIG. 6

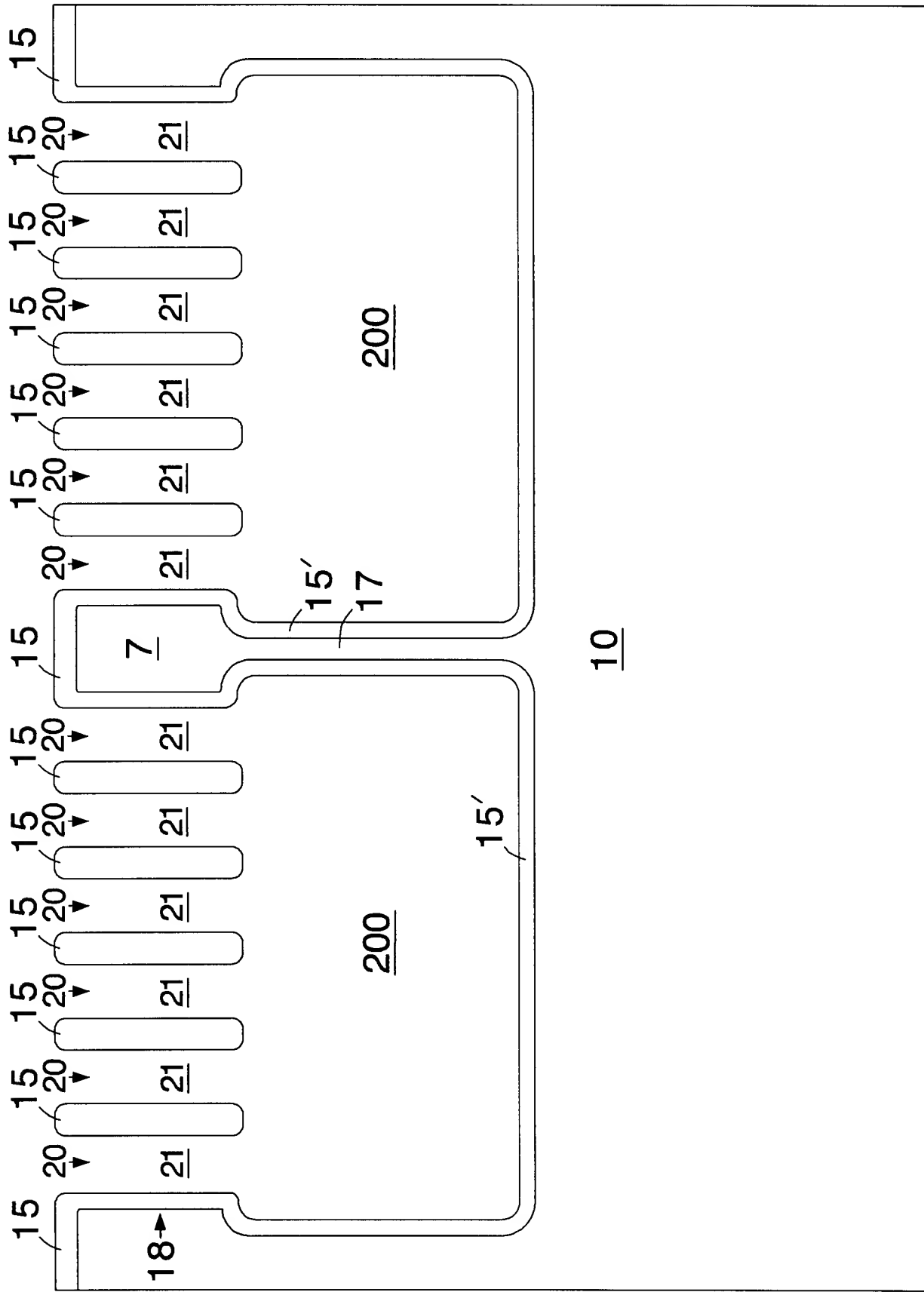


FIG. 7

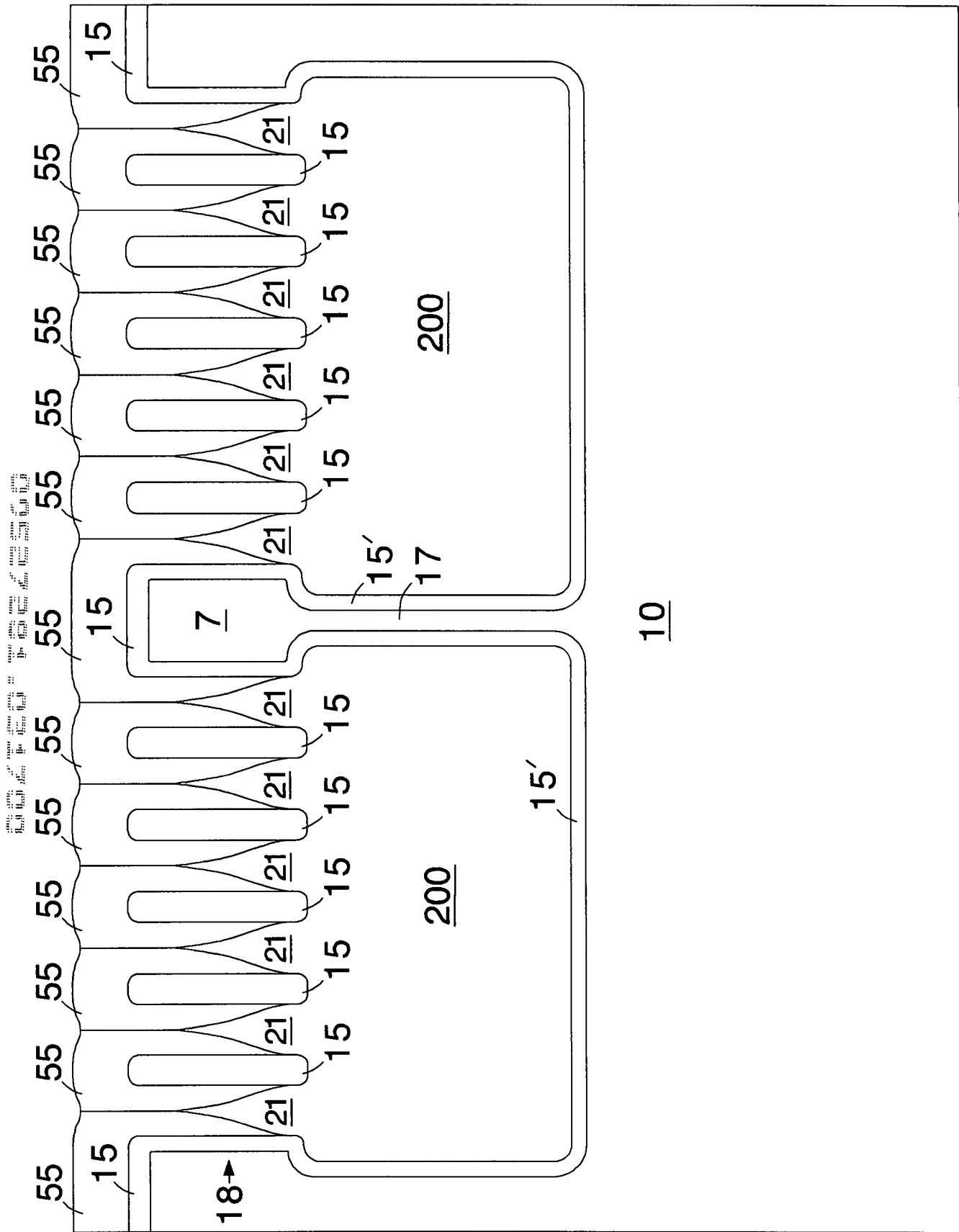


FIG. 8

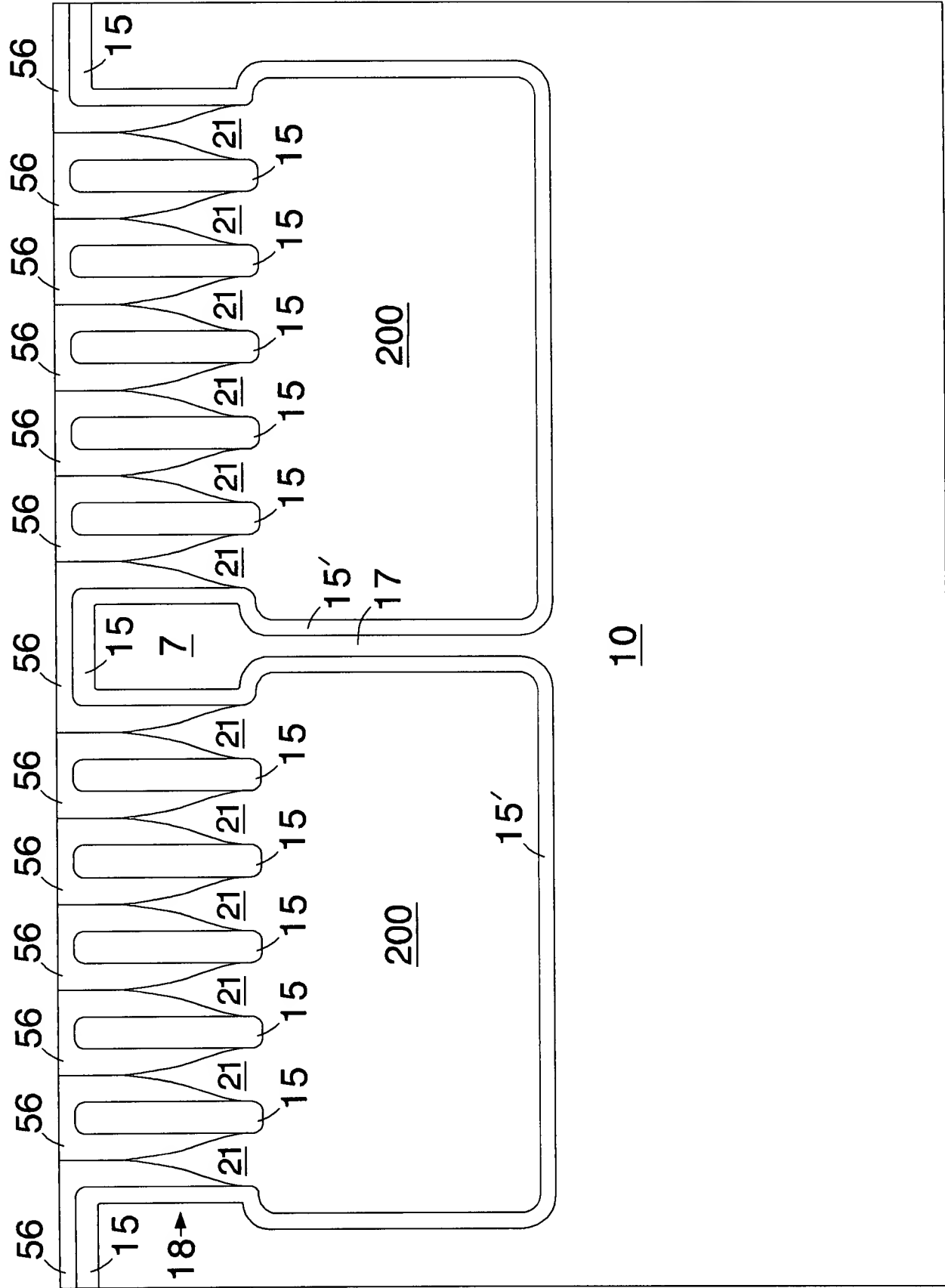


FIG. 9

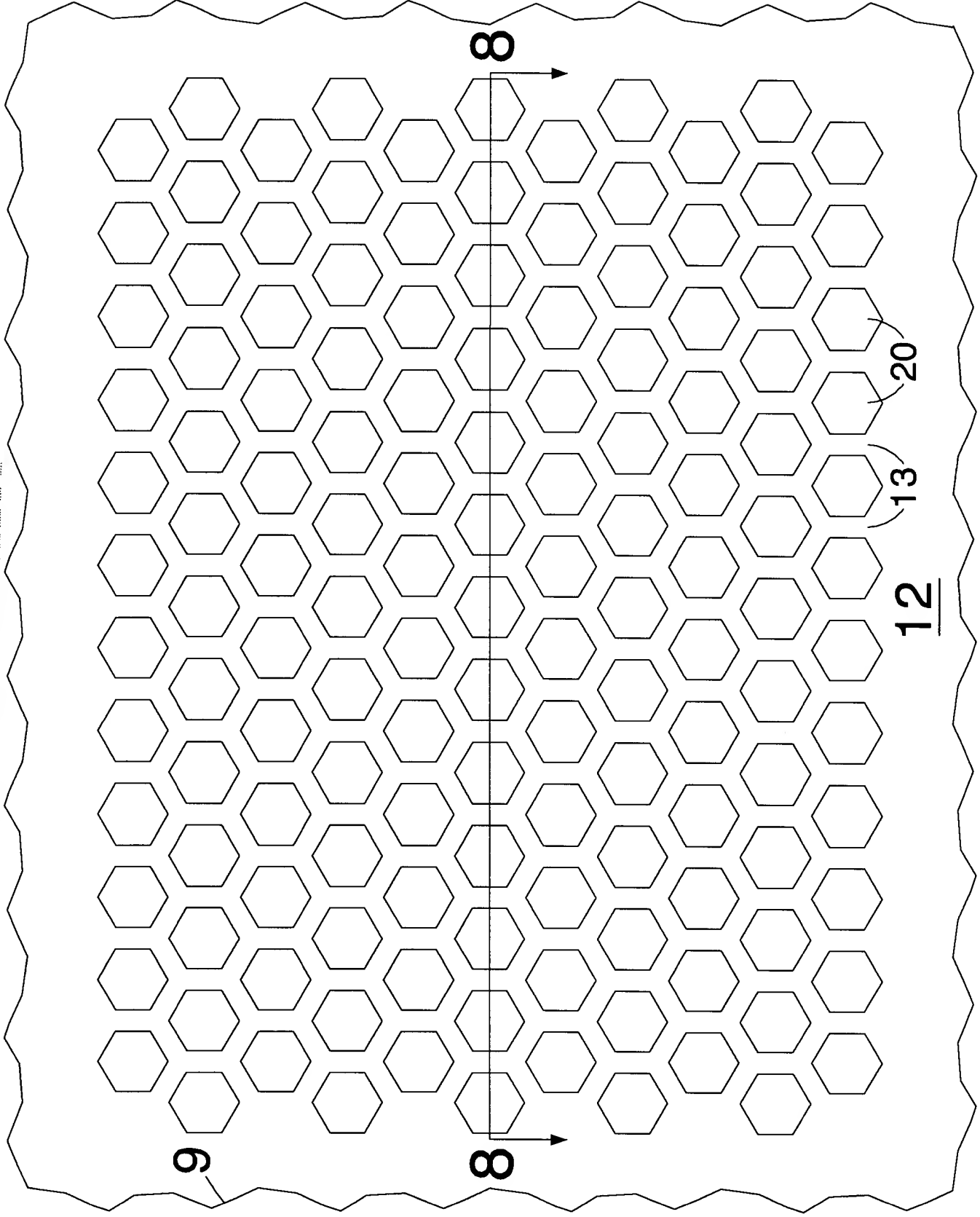


FIG. 10

FIG. 11 is a schematic diagram of a device 10, such as a sensor, including a substrate 15, a plurality of sensing elements 21, and a plurality of electrical contacts 56. The sensing elements 21 are arranged in a row on the substrate 15, and the electrical contacts 56 are arranged in a row on the substrate 15. The sensing elements 21 are connected to the electrical contacts 56 by a plurality of conductive lines 15.

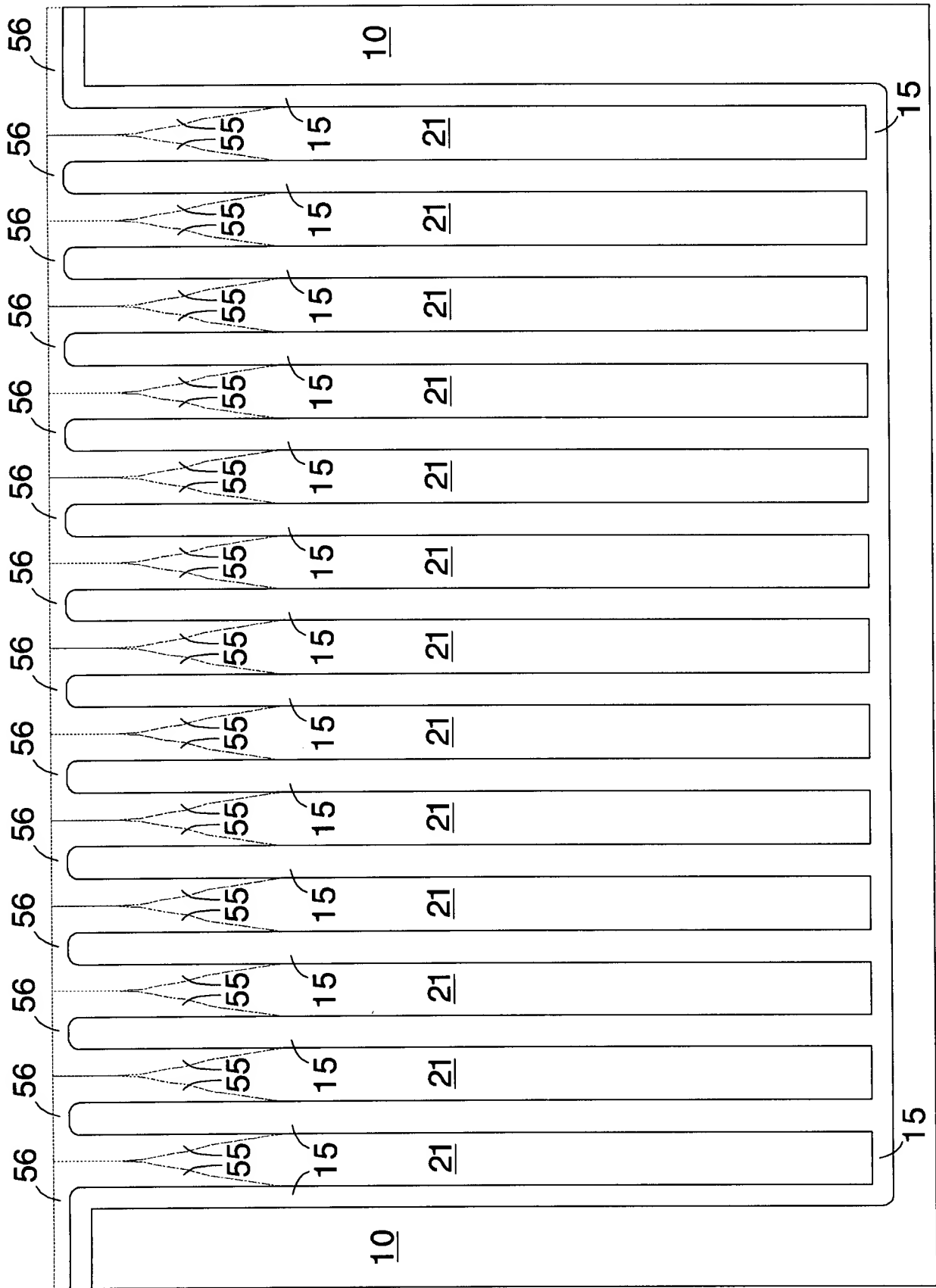


FIG. 11

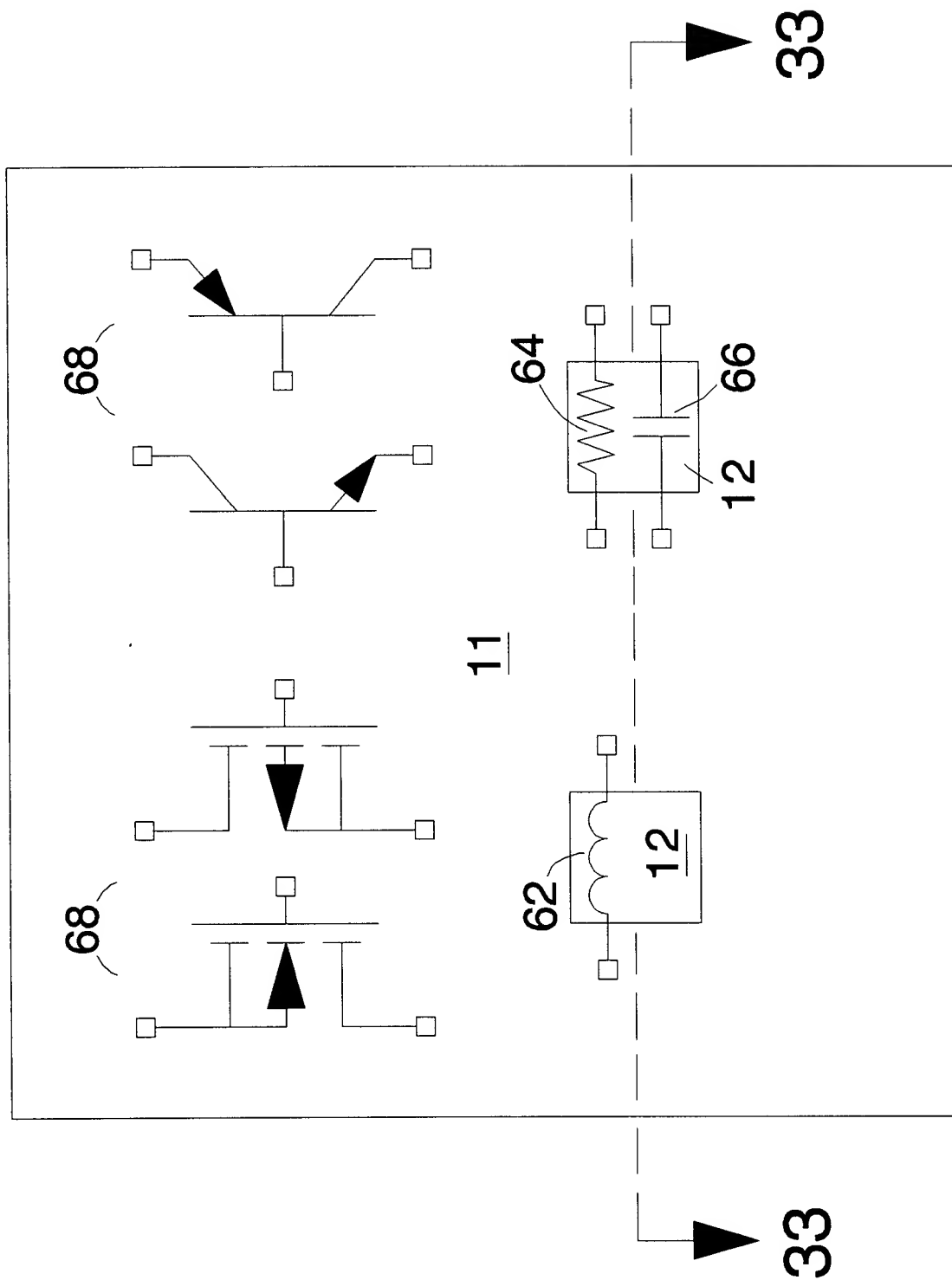


FIG. 12

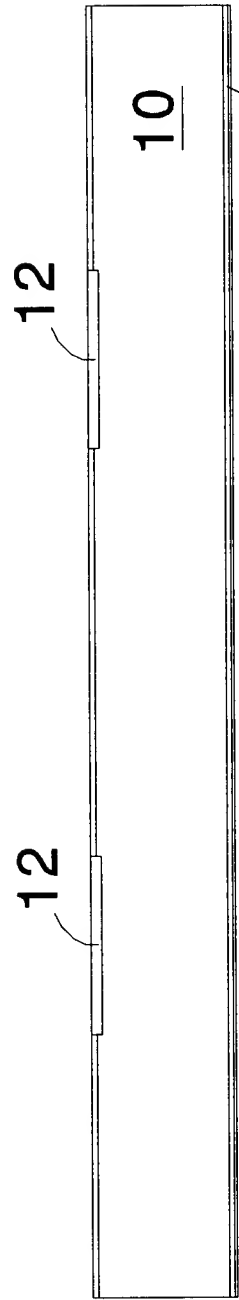


FIG. 13 A

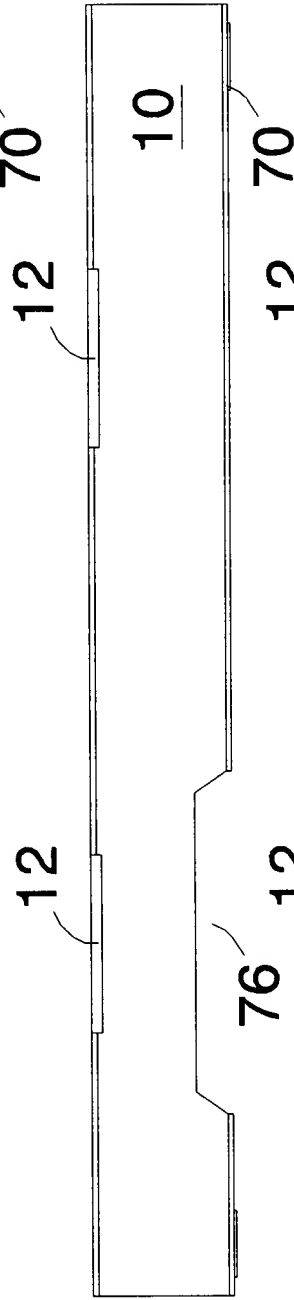


FIG. 13 B

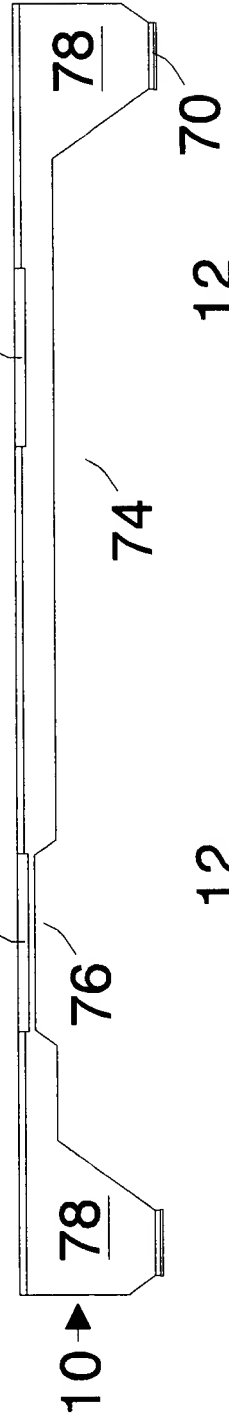


FIG. 13 C

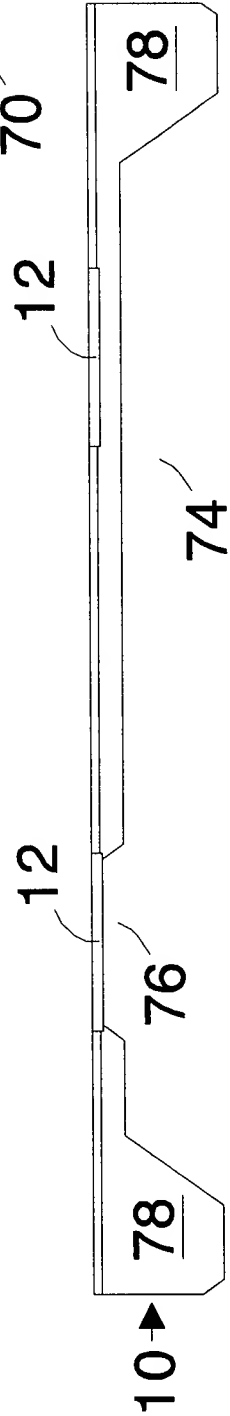


FIG. 13 D

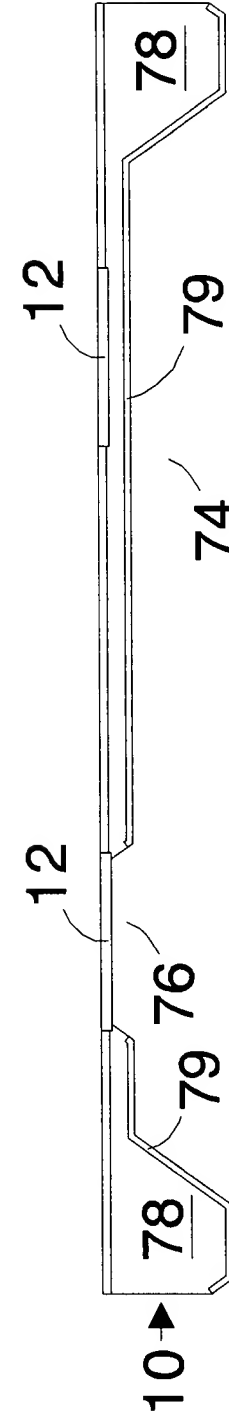
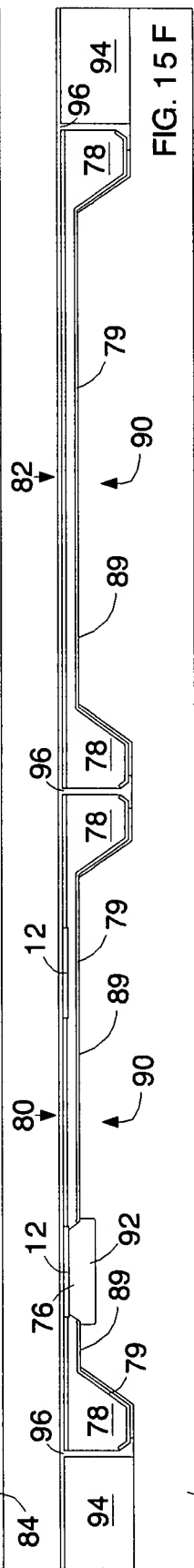
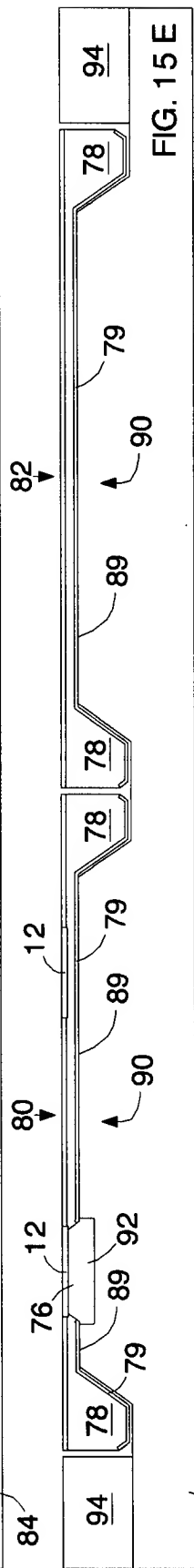
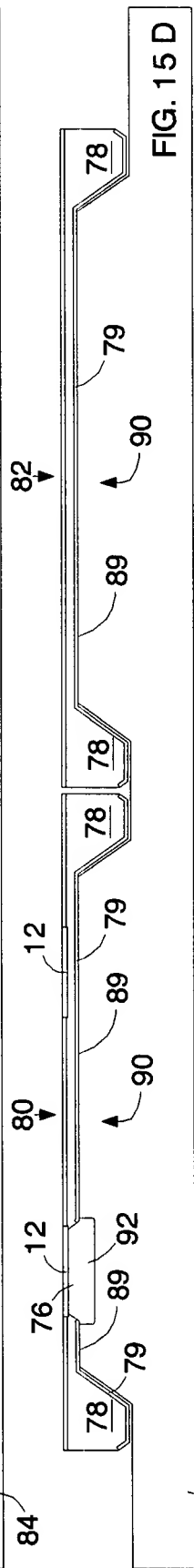
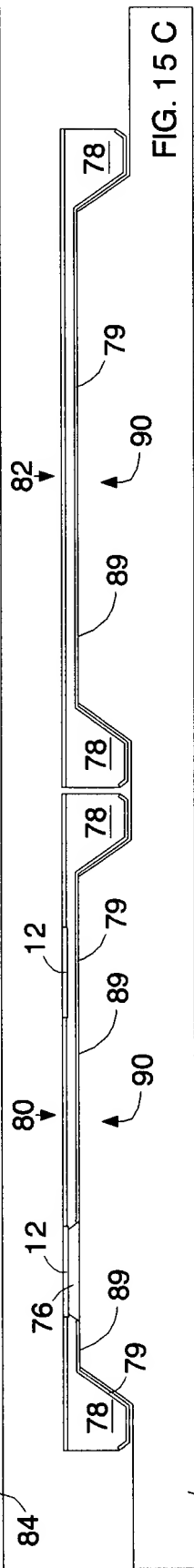
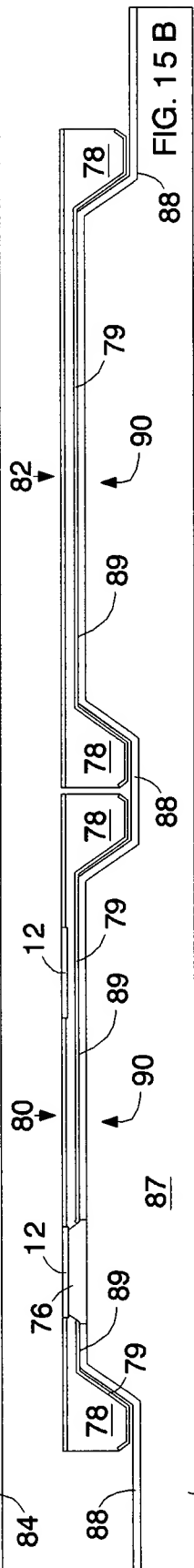
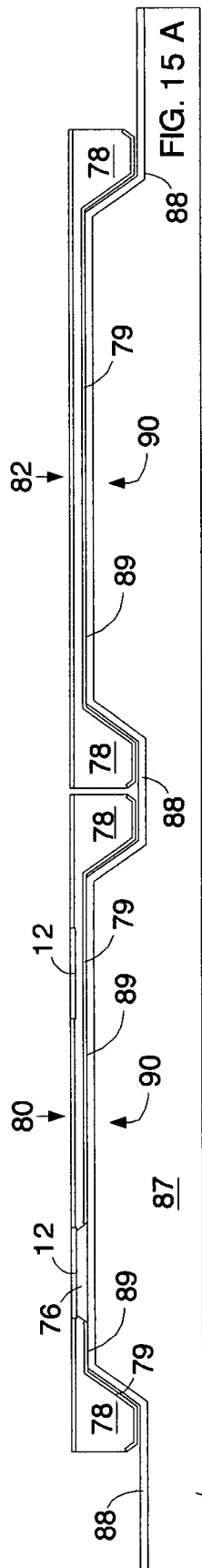


FIG. 13 E



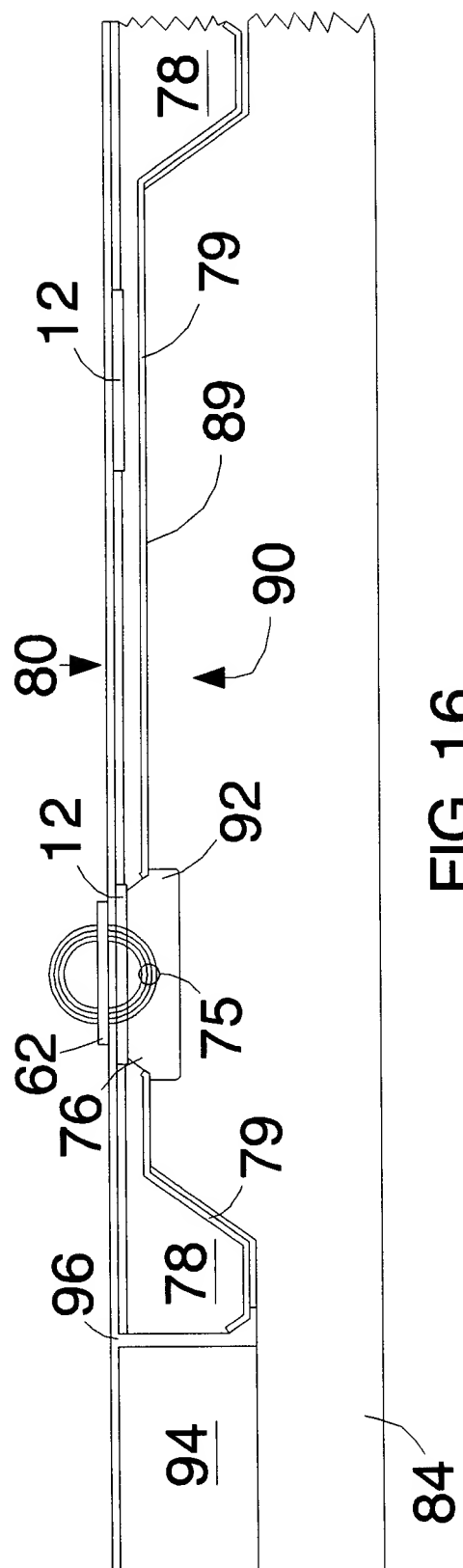


FIG. 16

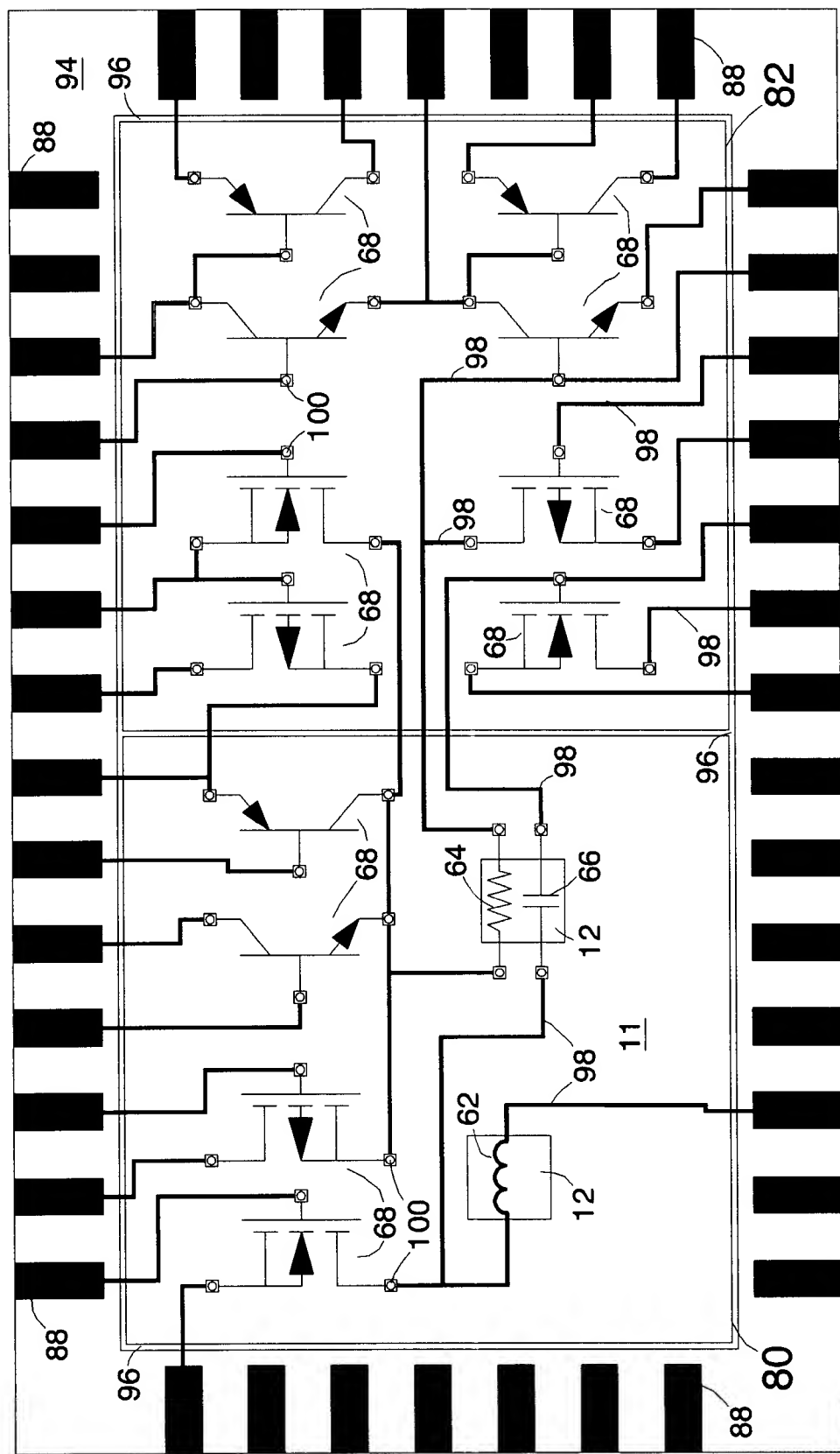


FIG. 17